

AMENDMENTS TO THE SPECIFICATION:

Page 8:

Please substitute the following paragraph for the paragraph beginning at line 4.

A flow of calculation for setting a specific Young's modulus E is shown. Assuming that a compressive stress is  $\sigma$ , a compressive load is F, a compressed area is S, and a strain is  $\varepsilon$ , then

$$E = \sigma / \varepsilon = F / (S \cdot \varepsilon). \quad (1)$$

Here, by considering a rough use condition, given  $F = 30000$  to  $40000$  (N),  $\varepsilon = 0.2$  to  $0.3$  (strain rate 20 to 30%), and  $S = 3$  to  $5 \times 10^{-4} (\text{mm}^2 \text{m}^2)$ , then

$$E_{\text{max}} = 666 \text{ (MPa)}$$

$$E_{\text{min}} = 200 \text{ (MPa)}.$$

Note that the load F slightly varies by a steering inertia, a motor inertia, and an impact input condition etc., and S varies slightly by the shape of the attachment such as a gear box, etc. Accordingly, it is determined that the Young's modulus E to be applied is desirably 100 to 900 (MPa), which becomes the above-described order.